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(54) **Multimers of the soluble forms of TNF receptors, their preparation and pharmaceutical compositions containing them.**

(57) Multimers of the soluble forms of the tumor necrosis factor receptors (TNF-Rs) are provided. These multimers are produced either by chemical or by recombinant methods. The multimers of the

soluble forms of TNF-Rs are useful for protecting mammals (including humans) from the deleterious effects of TNF.

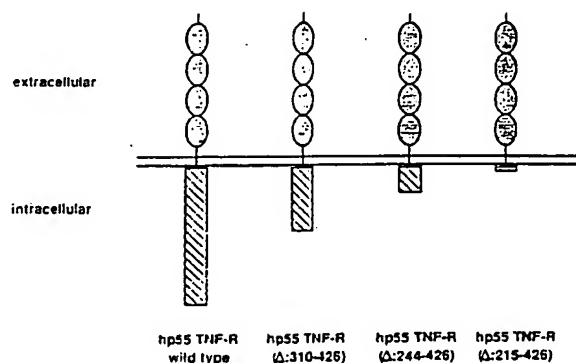


FIGURE 2

EP 0 526 905 A3



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## EUROPEAN SEARCH REPORT

Application Number

EP 92 11 3463

| DOCUMENTS CONSIDERED TO BE RELEVANT   |   |  |   |
|---|---|--|---|
| Category  | Citation of document with indication, where appropriate, of relevant passages   | Relevant to claim  | CLASSIFICATION OF THE APPLICATION (Int. Cl.5) |
| X   | EP-A-0 418 014 (IMMUNEX CORPORATION, US)<br>20 March 1991   | 1-4,<br>8-10,<br>13-27   | C12N15/12<br>C12N15/62<br>C12N5/10            |
| Y   | * Page 6, lines 21-44; Page 8, lines 7-25, the claims *   | 5-7, 11,<br>12   | A61K9/50<br>A61K37/02<br>C12P21/08            |
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|   |   |  | TECHNICAL FIELDS SEARCHED (Int. Cl.5)         |
|   |   |  | C07K  |
| The present search report has been drawn up for all claims  |   |  |   |
| Place of search<br>THE HAGUE  |   | Date of completion of the search<br>04 MARCH 1993  | Examiner<br>S.A. NAUCHE                       |
| CATEGORY OF CITED DOCUMENTS   |   |  |   |
| X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document |   | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>* : member of the same patent family, corresponding document |   |